```
GAATTCATTG GCCT....TTTA AGAAATAAAA TGTTGAGCAA A..AGATGGC          50
TCATCAGGTA AAGATACCTC CCAAGACATG GTGTGAGTCC TTGGGAACCT         100
ACGTGGAGGA AGGTGAGAAC CAATTGCCTA AAGTTTTCTG ACACCCACAA         150
GTGAGGCACT GCCACATGCA CCCACATACT CCTGCACAGG AATGAGTTAG         200
TGCAATGTAG CATGGAAAAA AACCAAAAGT GTGGCCCATG TAATGACAGC         250
CTGCTATTTC TGGGAAAACT TAGGCCCTCT ACTCTCTAGC TTTTACAAAA         300
GGACTTTTAA CTATGGACTC TGAAAGTTTG AAAGCTCTTG TCATTAAAAC         350
CTAGAATATG CCCTATGGAG ATAGTCTTTT TCTTGACTTT TTATCTGGTA         400
AGGTCTTTAT CTTGAGGATG CAAGAATACT TCCCTCTTCC TCTCTGAAGT         450
GCCAAGTCAC AAGCAGAGCT GCAAGCCTTT CAGTCAGTCC AGGGTGCAGA         500
ACTGCTTCAG GTAAGGCCAA ATATTCTTAA ATTAGTGTAT GCAGTTAGAG         550
GCTCAGTCTG TATAGGGGCA GAAGGAGACC TGGTACAAGA AACAGTACAA         600
ATTTTTACTT GGGAAACAGA GTAAACTAGT ATTACTGTGT GCTTCCTGGG         650
TAACTCAATG CCCAGAGTAG TTTTATTAAG CAGCTTGGTG TATAAGCAAA         700
CAGTAGCTCA TTATTTAAAT GTGTGAGTCA GAAAACATC TTCAAATGCT         750
ACTTATGTGA CACTTAAATT AACCTCATGT ACACTGGAGC GACCAGCCTA         800
CTGCACTCGT GTTACTGTAA CAGTGCAAAG TTCAGAAAAG CATGGCATAA         850
AGCAATGGGC ATTATCACCT GCACCACTGG GCTCCGGGCC GGGAGTTACA         900
AAACGGTGTA ATGAGTTGTG GGGTGTTGGT ACTTTGAAAA TATGTAAGAA         950
ATTGAATCTA GTGGAAGTGG GCCTTGCTGC GGTTCTCTTG CTGACTGTTG        1000
GGGATAAAGC TCCCTGCTTA ACTTGTTAAA GTCAGTGACA CAGCCAGTCC        1050
CAGGAGGCGT TGCTTTCTAT TCTCTGAAAA AGACCGTAGC AATTTTAATT        1100
CGTTCTGTAA CGATTTTAAG GTATTCTGTA GCTTGAAAAT GCCCAAATGT        1150
CAATGCTCTA AACAGAACCG GGGAGATGGC TGACTGGATA AAAATGGGAA        1200
CCTGTAAGAC TGATCTACTC TCCAATACCC ACATATGCTG AATAGAAAAG        1250
TAATTTTTTT TTAATCAGCC TTTGTAAGAT AGAGGAAGAC TTGGTTGTAT        1300
CTGAGCGTTC CAAGGCCGTG AGAGTGCTGG CCCAAAAACT GTGCTTGCAG        1350
CAGTGCGTGC AGGGCTCCAG GATATGCTCT GAGCCTTGTT TTTGCTCTTG        1400
CATTTCAGAC

           (start)
           ATGCTAAGAA GCGCCCTGCT GTCCGCGGTG CTCGCACTCT        1450
TGCGTGCCCA ACCTTTTCCC TGCCCCAAAA CCTGCAAGTG TGTGGTCCGC        1500
GATGCCGCGC AGTGCTCGGG CGGCAGCGTG GCTCACATCG CTGAGCTAGG        1550
TCTGCCTACG AACCTCACAC ACATCCTGCT CTTCCGAATG GACCAGGGCA        1600
TATTGCGGAA CCACAGCTTC AGCGGCATGA CAGTCCTTCA GCGCCTGATG        1650
CTCTCAGATA GCCACATTTC CGCCATCGAC CCCGGCACCT TCAATGACCT        1700
GGTAAAACTG AAAAACCCTCA GGTTGACGCG CAACAAAATC TCTCGTCTTC        1750
CACGTGCGAT CCTGGATAAG ATGGTACTCT TGGAACAGCT GTTCTTGGAC        1800
CACAATGCAC TAAGGGACCT TGATCAAAAC CTGTTTCAGC AACTGCGTAA        1850
CCTTCAGGAG CTCGGTTTGA ACCAGAATCA GCTCTCTTTT CTTCCTGCTA        1900
ACCTTTTCTC GAGCCTGAGA GAACTGAAGT TGTTGGATTT ATCGCGAAAC        1950
AACCTGACCC ACCTGCCCAA GGGACTGCTT GGGGCTCAAG TTAAGCTTGA        2000
GAAACTGCTG CTCTATTCAA ACCAGCTCAC GTCTGTGGAT TCGGGGCTGC        2050
TGAGCAACCT GGGCGCCCTG ACTGAGCTGC GGCTGGAGCG GAATCACCTC        2100
CGCTCCGTAG CCCCGGGTGC CTTCGACCGC CTCGGAAACC TGAGCTCCTT        2150
GACTCTATCC GGAAACCTCC TGGAGTCTCT GCCGCCCGCG CTCTTCCTTC        2200
ACGTGAGCAG CGTGTCTCGG CTGACTCTGT TCGAGAACCC CCTGGAGGAG        2250
CTCCCGGACG TGTTGTTCGG GGAGATGGCC GGCCTGCGGG AGCTGTGGCT        2300
GAACGGCACC CACCTGAGCA CGCTGCCCGC CGCTGCCTTC CGCAACCTGA        2350
```

Figure 1

```
GCGGCTTGCA GACGCT●●G CTGACGCGGA ACCCGCGCCT G●●GCGCTC    2400
CCGCGCGGCG TGTTCCAGGG CCTACGGGAG CTGCGCGTGC TCGCGCTGCA    2450
CACCAACGCC CTGGCGGAGC TGCGGGACGA CGCGCTGCGC GGCCTCGGGC    2500
ACCTGCGCCA GGTGTCGCTG CGCCACAACC GGCTGCGGGC CCTGCCCCGC    2550
ACGCTCTTCC GCAACCTCAG CAGCCTCGAG AGCGTGCAGC TAGAGCACAA    2600
CCAGCTGGAG ACGCTGCCAG GAGACGTGTT CGCGGCTCTG CCCCAGCTGA    2650
CCCAGGTCCT GCTGGGTCAC AACCCCTGGC TCTGCGACTG TGGCCTGTGG    2700
CCCTTCCTCC AGTGGCTGCG GCATCACCCG GACATCCTGG GCCGAGACGA    2750
GCCCCCGCAG TGCCGTGGCC CGGAGCCACG CGCCAGCCTG TCGTTCTGGG    2800
AGCTGCTGCA GGGTGACCCG TGGTGCCCGG ATCCTCGCAG CCTGCCTCTC    2850
GACCCTCCAA CCGAAAATGC TCTGGAAGCC CCGGTTCCGT CCTGGCTGCC    2900
TAACAGCTGG CAGTCCCAGA CGTGGGCCCA GCTGGTGGCC AGGGGTGAAA    2950
GTCCCAATAA CAGGCTCTAC TGGGGTCTTT ATATTCTGCT TCTAGTAGCC    3000
CAGGCCATCA TAGCCGCGTT CATCGTGTTT GCCATGATTA AAATCGGCCA    3050
GCTGTTTCGA ACATTAATCA GAGAGAAGCT CTTGTTAGAG GCAATGGGAA    3100
AATCGTG
        (stop)
        TAA CTAATGAAAC TGACCAGAGC ATTGTGGACG GGGCCCCAAG    3150
GAGAATGCAG TCAGGATGCT GGCGTGCCAT TACACTATTT CCCAGGCCTT    3200
TTCTCCTCTC CCGTGCTCTT AGTGTCTCTT CTTCTCCCCT CTCTTCAGAA    3250
GTAGCTTTTG TAAATCGCTA CTGCTTTCTA GCCTGGCCTG GGTTACCTCC    3300
TCTGCTGTTA GTTTCAAGGG GGCTGAGGGT GGGGGTTCGA CGGGACTTGG    3350
CTCATCAGGT CCAACTGTGC AGCGCTGGGT GCCTAGTGGA GAGAGGAGCC    3400
CTTTCTTGGT TTCTGAATTT GAGGACACAT CCTGCCAGTG GGCAAGACCT    3450
CTCCGGGACC CAGCAAGGGT TGAGTAACAT TTGCTGAAGG AACACCGGCT    3500
TAAAACGAAC CCTAGGTCCA AGAGATGAAG GCTCTTCCCA AAATAAAGGT    3550
GGAGTGTTCT TGTCCCTTTA CCTGAAAGGA GAATTC                  3586
```

Figure 1 (continued)

```
MLRSALLSAV  LALLR●●●P  CPKTCKCVVR  DAAQCSGGSV  A●●ELGLPT        50
NLTHILLFRM  DQGILRNHSF  SGMTVLQRLM  LSDSHISAID  PGTFNDLVKL      100
KTLRLTRNKI  SRLPRAILDK  MVLLEQLFLD  HNALRDLDQN  LFQQLRNLQE      150
LGLNQNQLSF  LPANLFSSLR  ELKLLDLSRN  NLTHLPKGLL  GAQVKLEKLL      200
LYSNQLTSVD  SGLLSNLGAL  TELRLERNHL  RSVAPGAFDR  LGNLSSLTLS      250
GNLLESLPPA  LFLHVSSVSR  LTLFENPLEE  LPDVLFGEMA  GLRELWLNGT      300
HLSTLPAAAF  RNLSGLQTLG  LTRNPRLSAL  PRGVFQGLRE  LRVLALHTNA      350
LAELRDDALR  GLGHLRQVSL  RHNRLRALPR  TLFRNLSSLE  SVQLEHNQLE      400
TLPGDVFAAL  PQLTQVLLGH  NPWLCDCGLW  PFLQWLRHHP  DILGRDEPPQ      450
CRGPEPRASL  SFWELLQGDP  WCPDPRSLPL  DPPTENALEA  PVPSWLPNSW      500
QSQTWAQLVA  RGESPNNRLY  WGLYILLLVA  QAIIAAFIVF  AMIKIGQLFR      550
TLIREKLLLE  AMGKSC                                              566
```

Figure 2

```
5'-TGA CGGAAC TGAAAGACCT CCCGCGATAC C GCAGAGG CAGTGGCTCT     50
                              TRE
TC CCTGTGGT CCAGGGC TGA CTGACT TTGA AGG TAATTTC AGTCAACCCA GCCTTTACTG    110
GGCTCTGACT GCATTAGGCT GCATCAAAGG GGATTGGATC CCATGATTCT TTATATCTTC    170
TGACATTAAG CCTTTGTCAG CTATAGGTGT TACAAATATC TTTAGTTTGT GGTTTATCTT    230
TTCCCCTTTT TTATGGTGTC TTGAAGGATA GAAGTCTTAA TGCAGACAGC ATTATCAGTG    290
TGTTCAAAAG ACAGCTAGAC ACGTTTTGCC TATAGACAAA TGGGCAAAAG GAAACCCAGC    350
TTTCTCAAAT GAAGCACAAG TGGGCCTTAA TTATGTGAAA AGGTGTTCAA GTTCATCATT    410
AAACAGGGAA AGGAAAAGTT AAAACCATGC TGAGATATCT TTCATAGAAA TGGCAAAAAG    470
    Ets-1                          Ets-1
CAGGA AGTTGC CACGTGTGGG CA GAGAGGAA GCACAGGAAC TCTCACAAAT GGCAGGTGTC    530
ATCGTAGACC AACACAACCA CTTTGGAGAG CAGTTTGACT TTCCCCAGTT AAACTGAACA    590
TGTGAGCGGC CGGGCGTGGT GGCTCATGCC TGTAATCCCA GCAGTTTGGG AGGCCGAGGC    650
GGGCGGATTG CCTGAGCTCA GGAGTTCAAG ACCAGCCAGG GCAACACGGT AAAACCCCGT    710
CTCTACTAAA ATACAAAAAA TTAGCTGGGC GTGATGGTGT GTGCCTGTAA TCCCAGCTAC    770
TTGTGAGGCC GAGGCAGGAG AATTGCTTGA ACCAGGGAGC AGGAGGTTGC AGTGAGCCGA    830
GATCGCACCA CTGCACCCCA GCCTGGCGAC AGAGTCCCCC TCCCCCACCA AAAAACAAC    890
           Ets-1
AAGTGA GCAT CCTG CAACCT AGCAATGCCA TTGTTGAACA AGTTCAAAGA TGTTCTTAGC    950
CTTATTAGTC CCAAAAGGAA GAAAAAAATG GAGGATTTGA GAATGTTCTT AGCTTTATTG    1010
CTAAGCGGAG AAAGAAAAAC AACACATACC AAAAAAAAAA AAAAAAAAAA AAAAAAACAA    1070
AAAACCTGGG TGGGAAATTA GGGCCATGTG GCATGAAAAG GAAGACCCAG GGGAAGTGTG    1130
              Spl                                     Ets-1
GCCCATCTAG GGGTGTGGC T ACTGCAGTGA TCCAGCTGTA TCACTGAACT TCCC TGGCAT    1190
           TATA
CATAGAGT TA TAT TGTG CCA TTTATGGAAA AACTCTCCCC ACTGCTCTTG GCTTTGACAG    1250
           TATA                            GATA
TAGGAATCAG GT TATATATG GTCTCTCGGT TTGA AGATAT TTGTCATTAA AAACCAGAAC    1310
       GATA
AAGGGCTCTG AGATAG GGTC CTTTCCTGAC CTACTCTGGT AAAGTCTTTA TCCT CAGGAT    1370
                                                           Ets-1
GC AAGGATAC CACCCTCTTC CTGTGGAAAG TGTCGAATCA CATGCAGAGC TCTAAGTCTT    1430
 ∇
TCAGTTACTT TGGAGTGCAG AACCATTTCA Ggtaaggcca aatattttaa acattagtat    1490
aggaaattag agggctcttt agtctgtgtg tgcatgagaa gtaaaattgc acgagaagca    1550
atttatgtaa aatttcgctt aggaaacatt gttttggtag gttagtagta tggtgtgtat    1610
ttcccagaaa attcagtgcc gtgagtatta cctttagtta agcatcttag aaatagtagc    1670
tcttattgtt tatggctaag tcagaaatac taccctcaaa ttctatgtga ccctagttat    1730
actgttgagc cttttctgtgc ctctgtgcct tcatccttga atcggggata atatacttac    1790
ctcctaaggt tattgtaagg attaaatgca tgtagtataa ataaagagct gagaacaatg    1850
catggcgtaa agtgataggt attattatat gttttttgttg gctgttgatt gaaggtgttt    1910
gctgttttgg gggtgtcctt taatagagta acttggtact gtggaaatag catgattgtg    1970
agcaaaagaa tcagatggtg gtggctgcag actttgctgt tcccttcttg actgttggtt    2030
atagccaatg cagggtaagt tataaagtca agagcagagc cgtttttcaca atggacattg    2090
ctttgtgatg tctgtgagct tgaatgtgag aatgattatt ttaattctct atgtaaagac    2150
tttaaagtat tggctattcg gtagcttgat ttctctgtaa tctcatgctt taaactgaga    2210
gtggaaaatc aataaagcaa aagcatgagg ccacgcagtg tagaatgagt gtcttttcac    2270
cacgtaggga aatctgtagt cctaagaaaa gagggagtga gaattctggc gaaaagattg    2330
tgcctctgca caaagtgcag gatcccaggg ttcagtacag gcgcgaacgc tcctgtgtgt    2390
                              Met
tgaccacact cccacggttg ctttttttagA C ATG CTGAGG GGGACTCTAC TGTGCGCGGT    2450
```

Figure 3

```
GCTCGGGCTT  CTGCGCGCCC  AGCCCTTCCC  CTGTCCGCCA  GCTTCCAAGT  GTGTCTTCCG  2510
GGACGCCGCG  CAGTGCTCGG  GGGGCGACGT  GGCGCGGCATC  TCCGCGCTGG  GCCTGCCCAC  2570
CAACCTCACG  CACATCCTGC  TCTTCGGAAT  GGGCCGCGGC  GTCCTGCAGA  GCCAGAGCTT  2630
CAGCGGCATG  ACCGTCCTGC  AGCGCCTCAT  GATCTCCGAC  AGCCACATTT  CCGCCGTTGC  2690
CCCCGGCACC  TTCAGTGACC  TGATAAAACT  GAAAACCCTG  AGGCTGTCGC  GCAACAAAAT  2750
CACGCATCTT  CCAGGTGCGC  TGCTGGATAA  GATGGTGCTC  CTGGAGCAGT  TGTTTTTGGA  2810
CCACAATGCG  CTAAGGGGCA  TTGACCAAAA  CATGTTTCAG  AAACTGGTTA  ACCTGCAGGA  2870
GCTCGCTCTG  AACCAGAATC  AGCTCGATTT  CCTTCCTCCC  AGTCTCTTCA  CGAATCTGGA  2930
GAACCTGAAG  TTGTTGGATT  TATCGGGAAA  CAACCTGACC  CACCTGCCCA  AGGGGTTGCT  2990
TGGAGCACAG  GCTAAGCTCG  AGAGACTTCT  GCTCCACTCG  AACCGCCTTG  TGTCTCTGGA  3050
TTCGGGGCTG  TTGAACAGCC  TGGGCGCCCT  GACGGAGCTG  CAGTTCCACC  GAAATCACAT  3110
CCGTTCCATC  GCACCCGGGG  CCTTCGACCG  GCTCCCAAAC  CTCAGTTCTT  TGACGCTTTC  3170
GAGAAACCAC  CTTGCGTTTC  TCCCCTCTGC  GCTCTTTCTT  CATTCGCACA  ATCTGACTCT  3230
GTTGACTCTG  TTCGAGAACC  CGCTGGCAGA  GCTCCCGGGG  GTGCTCTTCG  GGGAGATGGG  3290
GGGCCTGCAG  GAGCTGTGGC  TGAACCGCAC  CCAGCTGCGC  ACCCTGCCCG  CCGCCGCCTT  3350
CCGCAACCTG  AGCCGCCTGC  GGTACTTAGG  GGTGACTCTG  AGCCCGCGGC  TGAGCGCGCT  3410
TCCGCAGGGC  GCCTTCCAGG  GCCTTGGCGA  GCTCCAGGTG  CTCGCCCTGC  ACTCCAACGG  3470
CCTGACCGCC  CTCCCCGACG  GCTTGCTGCG  CGGCCTCGGC  AAGCTGCGCC  AGGTGTCCCT  3530
GCGCCGCAAC  AGGCTGCGCG  CCCTGCCCCG  TGCCCTCTTC  CGCAATCTCA  GCAGCCTGGA  3590
GAGCGTCCAG  CTCGACCACA  ACCAGCTGGA  GACCCTGCCT  GGCGACGTGT  TTGGGGCTCT  3650
GCCCCGGCTG  ACGGAGGTCC  TGTTGGGGCA  CAACTCCTGG  CGCTGCGACT  GTGGCCTGGG  3710
GCCCTTCCTG  GGGTGCTGC  GGCAGCACCT  AGGCCTCGTG  GGCGGGGAAG  AGCCCCCACG  3770
GTGCGCAGGC  CCTGGGGCGC  ACGCCGGCCT  GCCGGCTCTGG  GCCCTGCCGG  GGGGTGACGC  3830
CGAGTGCCCG  GGCCCCCGGG  GCCCGCCTCC  CCGGCCCCGCT  GCCCACAGCT  CCTCGGAAGG  3890
CCCTGTCCAC  CCAGCCTTGG  CTCCCAACAG  CTCAGAACCC  TGGGTGTGGG  CCCAGCCGGT  3950
GACCACGGGC  AAAGGTCAAG  ATCATAGTCC  GTTCTGGGGG  TTTTATTTTC  TGCTTTTAGC  4010
TGTTCAGGCC  ATGATCACCG  TGATCATCGT  GTTTGCTATG  ATTAAAATTC  GCCAACTCTT  4070
                                        STOP
TCGAAAATTA  ATCAGAGAGA  GAGCCCTTGG  GTAAACCAAT  GGGAAAATCT  TCTAATTACT  4130
TAGAACCTGA  CCAGATGTGG  CTCGGAGGGG  AATCCAGACC  CGCTGCTGTC  TTGCTCTCCC  4190
TCCCCTCCCC  ACTCCTCCTC  TCTTCTTCCT  CTTCTCTCTC  ACTGCCACGC  CTTCCTTTCC  4250
CTCCTCCTCC  CCCTCTCCGC  TCTGTGCTCT  TCATTCTCAC  GGGCCCGCAA  CCCCTCCTCT  4310
CTCTGTCCCC  GCCCGTCTCT  GGAAACTGAG  CTTGACGTTT  GTAAACTGTG  GTTGCCTGCC  4370
TTCCCAGCTC  CACGCGGTGT  GCGCTGACAC  TGCCGGGGGG  CTGGACTGTG  TTGGACCCAT  4430
CCTTGCCCCG  CTGTGCCTGG  CTTGGCCTCT  GGTGGAGAGA  GGGACCTCTT  CAGTGTCTAC  4490
TGAGTAAGGG  GACAGCTCCA  GGCCGGGGCT  GTCTCCTGCA  CAGAGTAAGC  CGGTAAATGT  4550
TTGTCAAATC  AATGCGTGGA  TAAAGGAACA  CATGCCATCC  AAGTGATGAT  GGCTTTTCCT  4610
GGAGGGAAAG  GATAGGCTGT  TGCTCTATCT  AATTTTTTGT  TTTTGTTTTT  GGACAGTCTA  4670
GCTCTGTGGC  CCAGGCTGGC  GTGCACTGGG  CCGTCTCAGT  TCACTGCAGC  CTCCGCCCTC  4730
CAGGTTCAAG  TGATTCTCAT  GCCTCAGCGT  TCTGAGTAGC  TGGGATTAGA  GGCGTGTGCC  4790
ACTACACCCG  GCTAATTTTT  GTACTTTTTA  AAGTAGAGAC  GGGCTTTGCC  ATATTGGCCT  4850
GGCTGATCTC  AAACTCCTGG  TCTTGAACTC  CTGGCCACAA  GTGATCTGCC  CGCCTTAGCC  4910
TCCCAAAGTG  CTGGGATTAC  AGGCGCAAGC  CACTACACCT  GCCCTCTTCA  TCGAATTTTA  4970
TTTGAGAAGT  AGAGCTCTTG  CCATTTTTTC  CCTTGCTCCA  TTTTTCTCAC  TTTATGTCTC  5030
TCTGACCTAT  GGGCTACTTG  GGAGAGCACT  GGACTCCATT  CATGCATGAG  CATTTTCAGG  5090
ATAAGCGACT  TCTGTGAGGC  TGAGAGAGGA  AGAAACACG  GAGCCTTCCC  TCCAGGTGCC  5150
CAGTGTAGGT  CCAGCGTGTT  TCCTGAGCCT  CCTGTGAGTT  TCCACTTGCT  TTACATCCAT  5210
GCAACATGTC  ATTTTGAAAC  TCGATTGATT  TGCATTTCCT  GGAACTCTGC  CACCTCATTT  5270
CACAAGCATT  TATGGAGCAG  TTAACATGTG  ACTGGTATTC  ATGAATATAA  TGATAAGCTT  5330
```

Figure 3 (cont.)

```
GATTCTAGTT CAGCTGCTGT CACAGTCTCA TTTGTTCTTC CAACTGAAAG CCGTAAAACC  5390
TTTGTTGCTT TAATTGAATG TCTGTGCTTA TGAGAGGCAG TGGTTAAAAC ATTTTCTGGC  5450
GAGTTGACAA CTGTGGGTTC AAATCCCAGC TCTACCACTT ACTAACTGCA TGGGACTTTG  5510
GGTAAGACAC CTGCTTACAT TCTCTAAGCC TTGGTTTCCT GAACCTTAAA ACAGGATAAC  5570
ATAGTACCTG CTTCATAGAG TTTTGTGAGA ATTAAAGGCA ATAAAGCATA TAATGACTTA  5630
GCCCAGCGGC CTGCAGACAA TACATGTTAA TGAATGTTAG CTATTATTAC TAAAGATGAG  5690
CAATTATTAT TGGCATCATG ATTTCTAAAG AAGAGCTTTG AGTTGGTATT TTTCTCTGTG  5750
TATAAGGGTA AGTCCGAACT TTCTCATACT GGAGGTTACA TTCACATCAG TCTGTCTTCC  5810
CCTGCGGATG GCCTCAGCCC TGGGTGGCCA GGCTCTGTGC TCACAGTCCA GAGCAATGGA  5870
TCCTCCAACA CCACCAGGTG GATGTGGAGC AGGAGAGCTG GATCGTGGCA TTTGTTTCTG  5930
GGTTCTGCAG TTGGGAGTTG GTTTCTGGGT TCTCCATTGG TCTACTTGTC TAGTCCCATA  5990
CCAGACTCAC GGTCTCCATT ATTGGAGCTT TAATAATTTT TGGTATAGGG TCATCTCTCC  6050
ACCTTGTTTT TCTTCTATTC TTGGTTCTTT GCAATTCTAT GAATATTTCA GGGTCAGCAT  6110
GTCAACTCCA TTGAAAAACC CTGCTGGGAT TTTAATAGAA CTTACAGCTC ACGCCTGTAA  6170
TCCCAGCACT TTGGGAGGCT GAGGTGGGTG GATCACAGGT CAGGAGTTTG AGAACAGCTG  6230
GCCAAGATGG TGAAACCCCG TCTCTACTAA AAATACAAAA ATTAGCTGGG TGCGGTGGCA  6290
GGTGCCTGTA GTCCCAGCTA CTTGGGACAC CGAGGCAGGA GAATCACTTG AACCCGGGAG  6350
GCGGAGGTTG CAGTGAGCCG AGATCGTGCC ACTGCACTCT AGCCTGGGCG ACAGAGCGAG  6410
ACTCCATCTC AAAAAAAAAG AAAAAGAAAA TTGCAGTAAA TTTAAAACTA ATTTGGGGAA  6470
GAATCTGTAT TTTTACAATA CCTAGTGTTC TTGCCAGTAA GCATGGTTCA TCTTCCCATT  6530
TATTTACGTC ATTTTAAATC TTTCAGTGAT GTTTTAGAAT TTTTTTTATA AAAACCTTCA  6590
CTATAAGAAC AGAAAACCAA ACACCGCATG TTCTCACTCA TAGGTGGGAA TTGAACAATG  6650
AGAACACTTG GACACAGGGC GGGGAACGTC ACACGCCTGG ACTGTTGGGG GGGTGGCTGG  6710
GAGAGGGATA GTGTTAGGAG AAATACCTAA TGTAAATGAC GAGTTAATGG TGCAGCCAAC  6770
CAACCTGGCA CATGTATTCA TATGTAACAA ACCTGCACGT TGTGCACATG TACCCTAGAA  6830
CTTAAAGTAT ATTAAAAAAA GAAACCTTGG CACTGATTTT GTTAGATTTA TTCCTAGGTA  6890
TCCTTCCTCT TTTTTGATTT GTCATTGCTA TTGTAGATGG CATCTTTTTA AAAAGTTATA  6950
TTTTCTAAAG CAAAAAATAA AAAAAGTTGT ATTTCTAATT TTTATTACCA ATATATAAGA  7010
ATGTAATTTA TTTTTACATA ATTATCTTAT GTCTAGTAAT AATTCTGATA ATTTGCTTCT  7070
TCCTATTAAA ACCTTACACC CATTATTGAT TTATTTTTCT GTTTTAAAAT ATCTTCCTGC  7130
ACTGGCTAAA ACCTCCACTA TAATGTTGAG CAGAACAGTG AGGCATCCTT AGAACTATCT  7190
TGGTTGCAAA GGGTAGGTCT CTAATGTTTC ATCAATAAAT GTGATGTTTC TAGTCTGAGT  7250
TTGCTAAGTA TATTTTAAAA TAATCAGTAA AGTTAGATTT TATCCATTTT TATCTTAACT  7310
ATTGAGATGC TCATATCATT TTTCTTCTTC AATGTGTTAA AATGGTGAAT AAATTTATAG  7370
ATTTTGGAAA AGTAAATTCA TTCTTGCATT CCCGAAGTAA ACCAAGCCAT GCTATGTGTA  7430
TTTAAAATAT ATTGCTGAAT TC-3                                          7452
```

Figure 3 (cont.)

```
  1  M L R G T L L Ⓒ A V L G L L R A Q P F P Ⓒ P P A Ⓒ K Ⓒ V F R
                                                              k3
 31  D A A Q Ⓒ S G G D V A R I S A L G L P T N L T H I L L F G M
 61  G R G V L Q S Q S F S G M T V L Q R L M I S D S H I S A V A
       m7                       (t k)            m6
 91  P G T F S D L I K L K T L R L S R N K I T H L P G A L L D K
                               (t)
121  M V L L E Q L F L D H N A L R G I D Q N M F Q K L V N L Q E
       k5                                              k6
151  L A L N Q N Q L D F L P A S L F T N L E N L K L L D L S G N
                                                    k4
181  N L T H L P K G L L G A Q A K L E R L L L H S N R L V S L D
                       k2                                  (i)
211  S G L L N S L G A L T E L Q F H R N H I R S I A P G A F D R
241  L P N L S S L T L S R N H L A F L P S A L F L H S H N L T L
                             m401                        (h)
271  L T L F E N P L A E L P G V L F G E M G G L Q F L W L N R T
         (x)           (x)         (x)       ml
301  Q L R T L P A A A F R N L S R L R Y L G V T L S P R L S A L
                                                    (i x) (x)
331  P Q G A F Q G L G E L Q V L A L H S N G L T A L P D G L L R
361  G L G K L R Q V S L R R N R L R A L P R A L F R N L S S L E
             kl                                  
391  S V Q L D H N Q L E T L P G D V F G A L P R L T E V L L G H
             (y)
421  N S W R Ⓒ D Ⓒ G L G P F L G W L R Q H L G L V G G E E P P R
451  Ⓒ A G P G A H A G L P L W A L P G G D A E Ⓒ P G P R G P P P
                                                        th!   (-)
481  R P A A D S S S E A P V H P A L A P N S S E P W V W A Q P V
                 (x)                       (x) (x)  (x) (x)  (d)
511  T T G K G Q D H S P F W G F Y F L L L A V Q A M I T V I I V
541  F A M I K I G Q L F R K L I R E R A L G 560
```

Figure 4

Figure 5

Figure 6
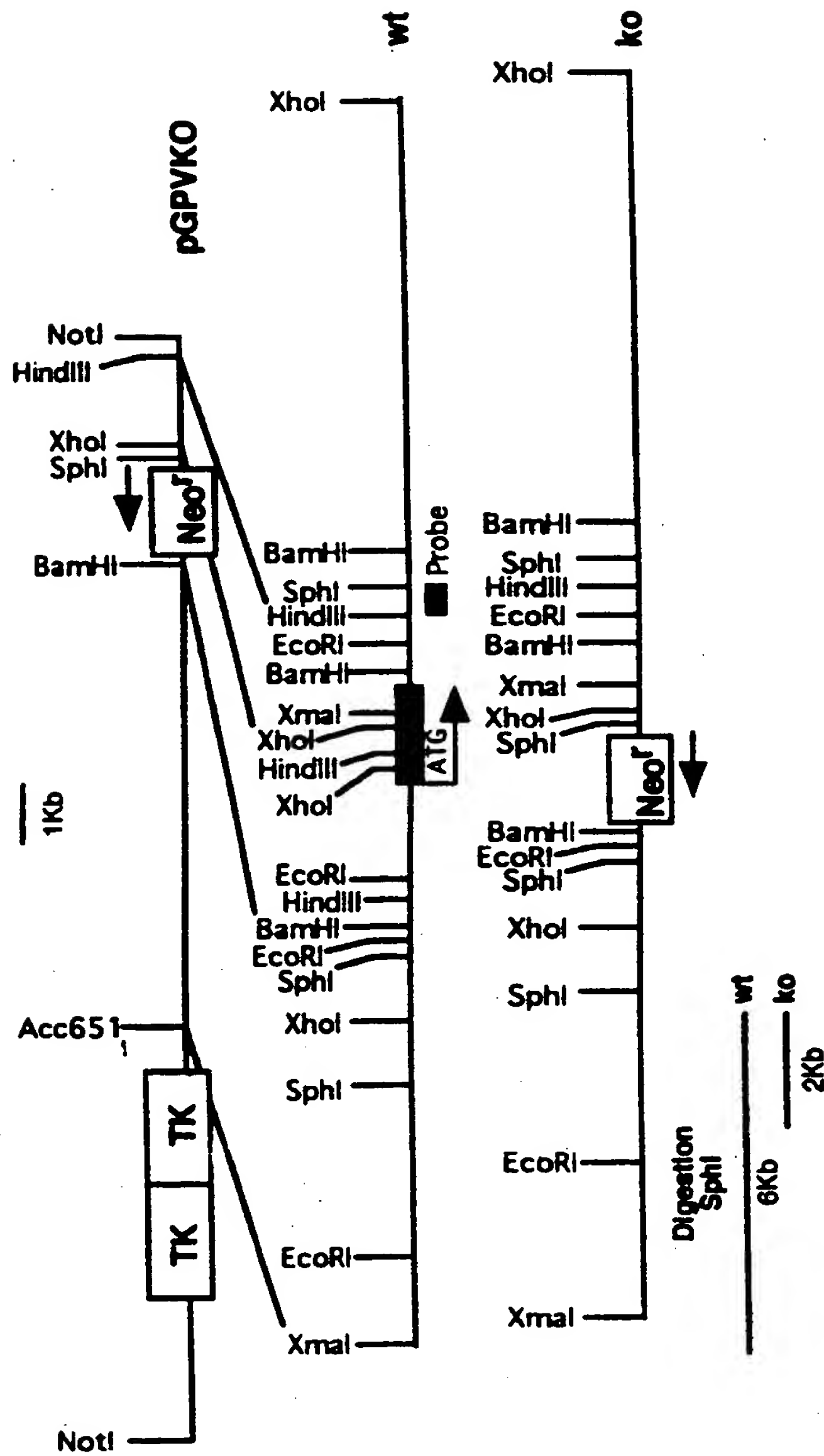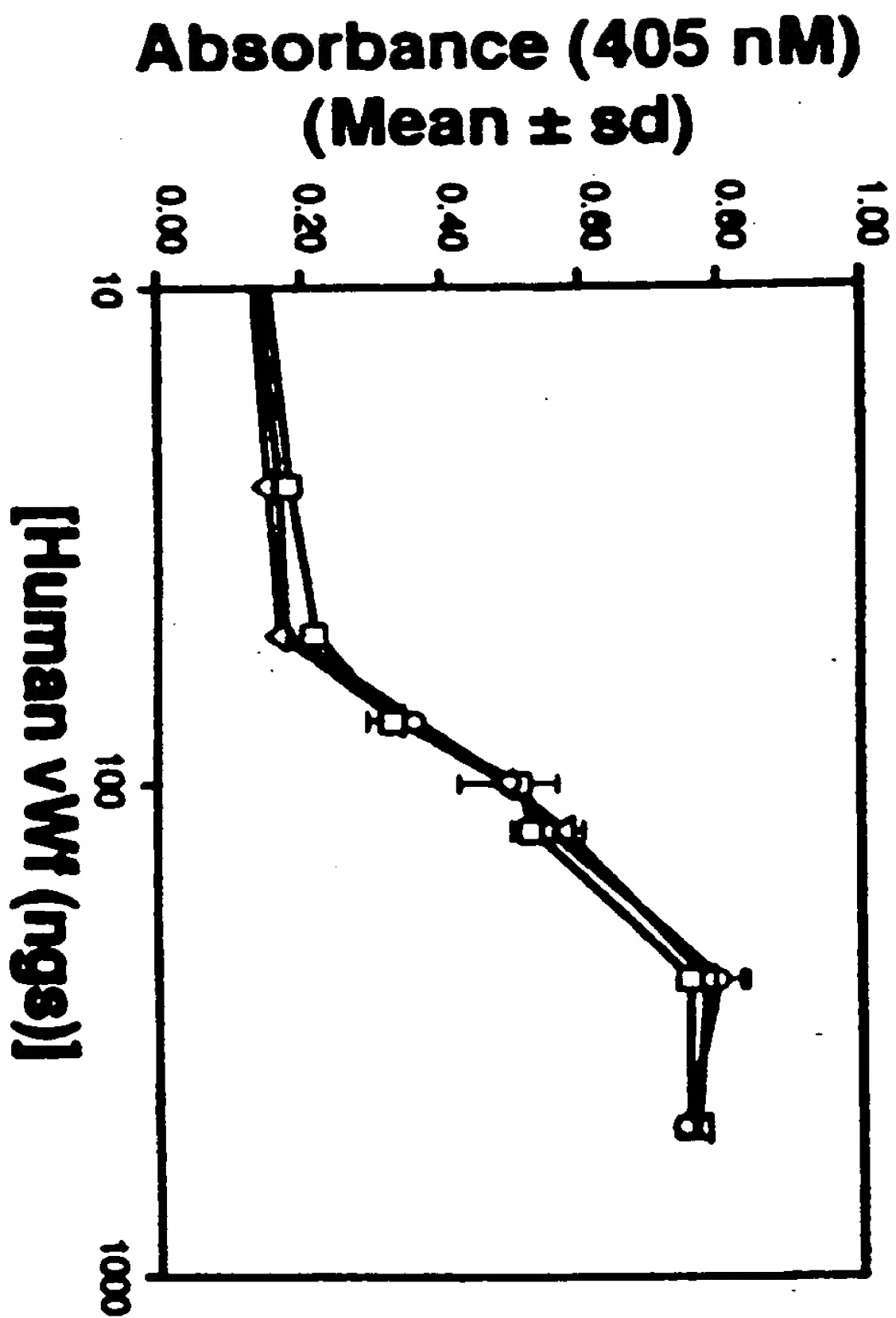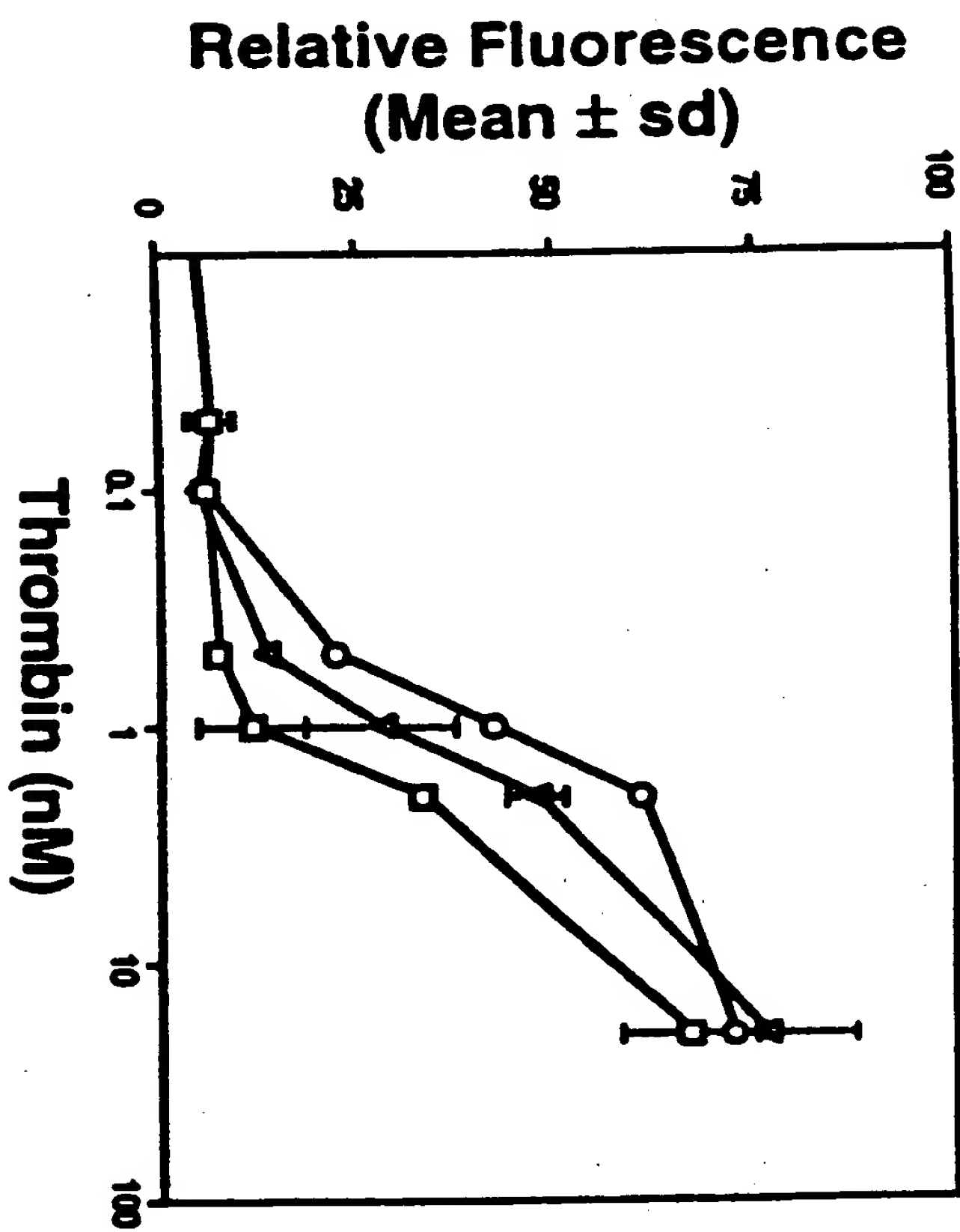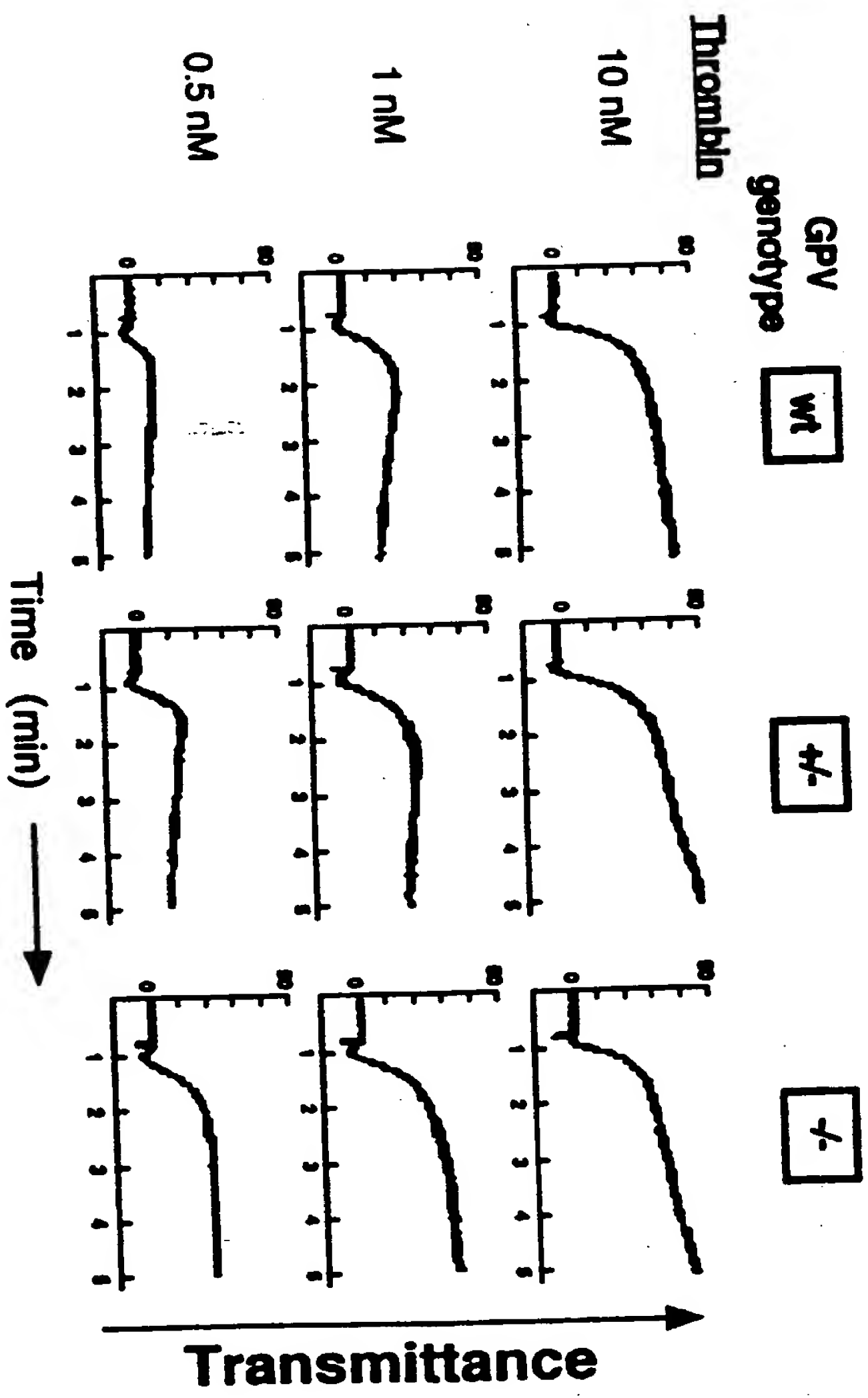
Figure 7

Relative Fluorescence
(Mean ± sd)

[Botrocetin (μg/mL)]

Figure 8

Figure 9